

PERIMETER

3rd Grade

PERIMETER story problems
 NAME: _____ DATE: _____
 Directions: Solve the story problems involving perimeter.
 1 A rectangular picture frame is five inches high by seven inches long. What is the perimeter of the picture frame?
 24 inches

PERIMETER farmyard perimeters
 NAME: _____ DATE: _____
 Directions: Farmer Browning is fencing in the animal enclosures on his farm. Help him by drawing a line to match each animal enclosure with the fencing that has the same perimeter.
 1 Pig P = 50 feet
 2 Cow P = 92 feet
 3 Chickens P = 64 feet
 4 Sheep P = 72 feet
 5 Goat P = 68 feet
 6 Horse P = 140 feet

PERIMETER solving for perimeter
 NAME: _____ DATE: _____
 Directions: Find the perimeter of each shape.
 1 Rectangle: 10 in, 6 in, 10 in, 6 in. P = 32 in
 2 Trapezoid: 4 in, 8 in, 6 in, 8 in. P = 26 in
 3 Pentagon: 12 in, 12 in, 12 in, 12 in, 12 in. P = 60 in
 4 Triangle: 5 in, 6 in, 22 in. P = 33 in
 5 Hexagon: 2 in, 2 in, 2 in, 2 in, 2 in, 2 in. P = 12 in
 6 Square: 5 in, 5 in, 5 in, 5 in. P = 20 in

PERIMETER detective decoding
 NAME: _____ DATE: _____
 Directions: Use your detective skills to decode the secret words. Solve for perimeter for the shapes below. Find the perimeters on the key and write the corresponding letter in the magnifying glass. What are the secret words?
 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
 20 34 18 21 24 30 22 14 36 26 24 35 33 31 38 23 28 32 26 5 39 37 40 42 27 41
 SECRET WORD =
 1 Trapezoid: 6 in, 4 in, 9 in, 4 in. P = _____
 2 Square: 7 in, 5 in, 7 in, 5 in. P = _____
 3 Triangle: 5 in, 5 in, 10 in. P = _____
 4 Hexagon: 8 in, 4 in, 4 in, 4 in, 4 in, 4 in. P = _____

what is PERIMETER?
 distance around the outside of a shape
 found by finding the SUM OF ALL SIDES of a shape

I	J	K	L	M
36	26	24	35	33
V	W	X	Y	Z
37	40	42	27	41



Printable & Google Slides

NAME: _____ DATE: _____

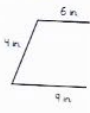
PERIMETER

detective decoding

Directions: Use your detective skills to decode the secret words. Solve for perimeter for the shapes below. Find the perimeters on the key and write the corresponding letter in the magnifying glass. What are the secret words?

A	B	C
20	34	18
N	O	P
31	38	23

SECRET WORD #1



P = 23

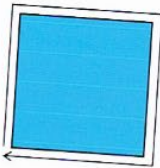


P = 34

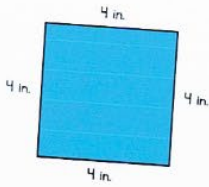


what is PERIMETER?

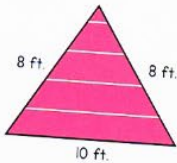
PERIMETER is the distance around the outside of a shape



Perimeter can be found by finding the **SUM** of a shape

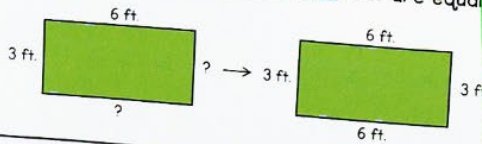


$$P = 4 + 4 + 4 + 4 = 16 \text{ inches}$$



$$P = 8 + 8 + 10 = 26 \text{ feet}$$

Find the missing length of a side by looking at **OPPOSITE SIDES** that are equal

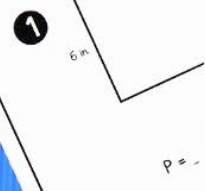


NAME: _____ DATE: _____

PERIMETER

solving for perimeter

Directions: Find the perimeter of each shape.



1

3

NAME: _____

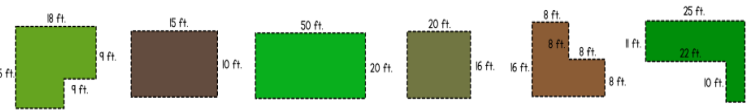
Directions: Solve the story problem

1 A rectangular picture is 8 inches long. What is the width?

PERIMETER

farmyard perimeters

Directions: Farmer Browning is fencing in the animal enclosures on his farm. Help him by dragging each animal to the fenced in enclosure that has the same perimeter.



5

6



P = 72 feet

P = 68 feet

P = 140 feet

PERIMETER

DATE: _____

NAME: _____

PERIMETER

Directions: drawing a l

1

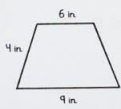
NAME: _____

PERIMETER

detective

Directions: Use your detective skills to find the perimeters on the shapes below. Find the perimeters on the magnifying glass. What are the secret words?

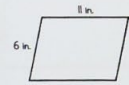
A	B	C	D	E	F
20	34	18	21	24	30
N	O	P	Q	R	S
31	38	23	28	32	26



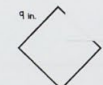
P = 23 in



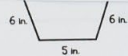
P = 24 in



P = 34 in



P = 36 in



P = 29 in



SECRET WORD #1

SECRET WORD #2

NAME: _____

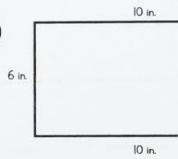
DATE: _____

PERIMETER

solving for perimeter

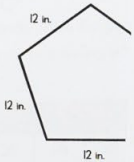
Directions: Find the perimeter

1



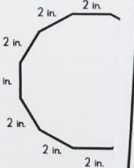
P = 32 in

3



P = 60

5

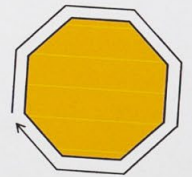
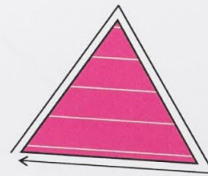
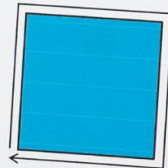


P = 24

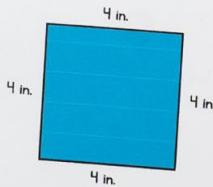
what is

PERIMETER?

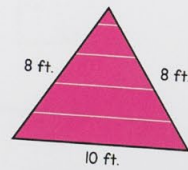
PERIMETER is the distance around the outside of a shape



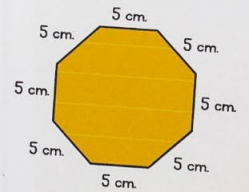
Perimeter can be found by finding the **SUM OF ALL SIDES** of a shape



$P = 4 + 4 + 4 + 4 = 16$ inches

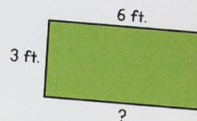


$P = 8 + 8 + 10 = 26$ feet

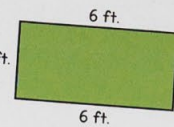


$P = 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 = 40$ centimeters

Find the missing length of a side by looking at **OPPOSITE SIDES** that are equal



$?$ → 3 ft



$P = 3 + 3 + 6 + 6 = 18$ feet

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PERIMETER

story problems

Solve the story problems involving perimeter.
A rectangular picture frame is five inches high by seven inches long. What is the perimeter?

DATE: _____

PERIMETER

for perimeter

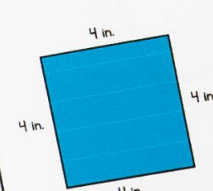
DATE: _____

what is PERIMETER?

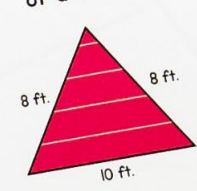
PERIMETER is the distance around the outside of a shape



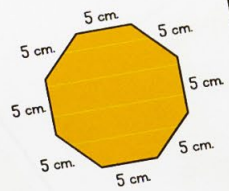
Perimeter can be found by finding the **SUM OF ALL SIDES** of a shape



$$P = 4 + 4 + 4 + 4 = 16 \text{ inches}$$

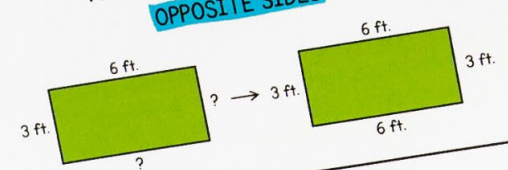


$$P = 8 + 8 + 10 = 26 \text{ feet}$$



$$P = 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 = 40 \text{ centimeters}$$

Find the missing length of a side by looking at **OPPOSITE SIDES** that are equal



$$P = 3 + 3 + 6 + 6 = 18 \text{ feet}$$

NAME: _____ DATE: _____

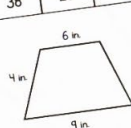
PERIMETER

detective decoding

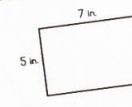
Directions: Use your detective skills to decode the secret words. Solve for perimeter for the shapes below. Find the perimeters on the key and write the corresponding letter in the magnifying glass. What are the secret words?

A	B	C	D	E	F	G	H	I	J	K	L	M
20	34	18	21	24	30	22	19	36	26	29	35	33
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
31	38	23	28	32	26	15	39	37	40	42	27	41

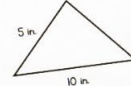
SECRET WORD #1



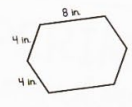
$$P = 23 \text{ in}$$



$$P = 24 \text{ in}$$



$$P = 20 \text{ in}$$



$$P = 32 \text{ in}$$



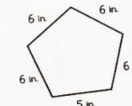
SECRET WORD #2



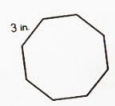
$$P = 34 \text{ in}$$



$$P = 36 \text{ in}$$



$$P = 29 \text{ in}$$



$$P = 24 \text{ in}$$



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$$P = 66 \text{ in}$$

$$P = 140 \text{ feet}$$

E

F



PERIMETER

story problems

DATE: _____

Directions: Solve the story problems involving perimeter.
A rectangular picture frame is five inches high by seven inches long. What is the perimeter of the picture frame?

24 inches

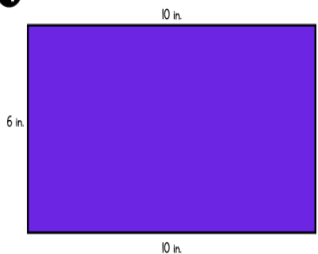


PERIMETER

solving for perimeter

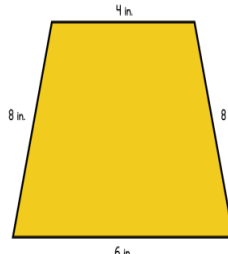
Directions: Find the perimeter of each shape.

1



P =

2



P =

PERIMETER

yard perimeters

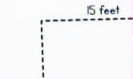
DATE: _____

Directions: Find the perimeter of each enclosure on his farm. He is using the animal enclosures with the fencing that has the same length.

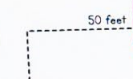
A



B



C



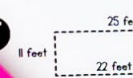
D



E



F



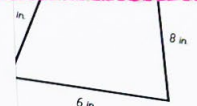
P = 50 feet

P = 92 feet

P = 64 feet

P = 72 feet

P = 140 feet



26 in



53 in



P = 66 in

Directions: Find the perimeter of each shape below. Write the answer in the magnifying glass.

A	B	C	D	E	F	G	H
20	34	18	21	24	5	15	3
N	O	P	Q	R	S	T	U
31	38	23	28	32	26	7	4



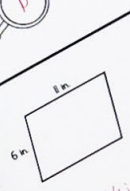
P = 23 in



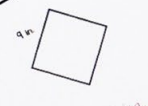
P = 24 in



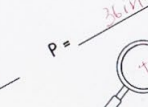
P = 20 in



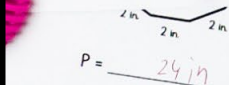
P = 34 in



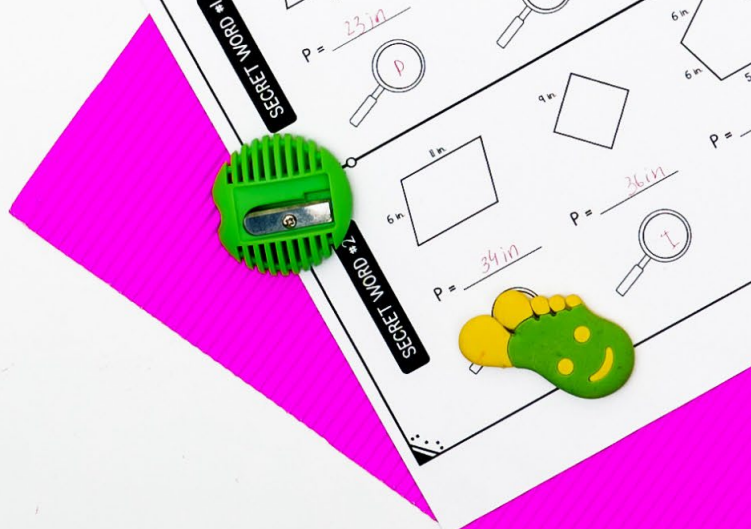
P = 36 in



P = 34 in



P = 24 in



NAME: _____

DATE: _____

PERIMETER

story problems

Directions: Solve the story problems involving perimeter.

1 A rectangular picture frame is five inches high by seven inches long. What is the perimeter of the picture frame?

24 inches

NAME: _____

DATE: _____

PERIMETER

farmyard perimeters

Directions: Farmer Browning is fencing in the animal enclosures on his farm. Help him by drawing a line to match each animal enclosure with the fencing that has the same perimeter.

1



P = 50 feet

A



2



NAME: _____

DATE: _____

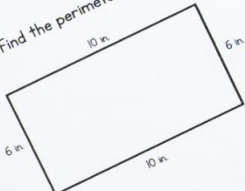
PERIMETER

solving for perimeter

Directions: Find the perimeter of each shape.

5

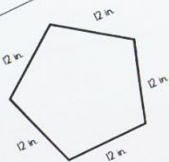
1



P = 32 in

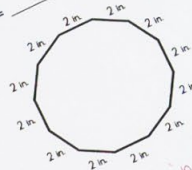
6

3



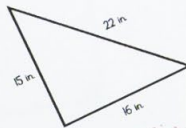
P = 60 in

5



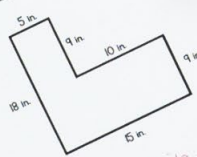
P = 24 in

4



P = 26 in

6



P = 66 in

PERIMETER

measure and solve

Directions: Drag and rotate the ruler to measure the sides of the shapes below in centimeters. Record your measurements and use them to calculate the perimeter. Use the textboxes to show your work.

3

P =

Drag and fill in to label

NAME: _____

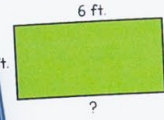
PER

Directions: Use your detective skills to find the perimeter of the shapes below. Find the perimeter of the magnifying glass. What are the...

A	B	C	D	E
20	34	18	21	2
N	O	P	Q	
31	38	23	28	

4 in. 4 in. 4 in. 4 in. 4 + 4 + 4 + 4 = 16 inches

Find the missing side length. OPPOS



PERIMETER

3rd grade

Table of Contents

1. Anchor Chart (1 page)
2. Solving for Perimeter (6 pages)
3. Drawing Shapes (4 pages)
4. Determining Missing Side Lengths (2 pages)
5. Perimeter and Area (3 pages)
6. Games and Activities (8 pages)
7. Story Problems (4 pages)
8. Test Review (5 pages)
9. Test (5 pages)



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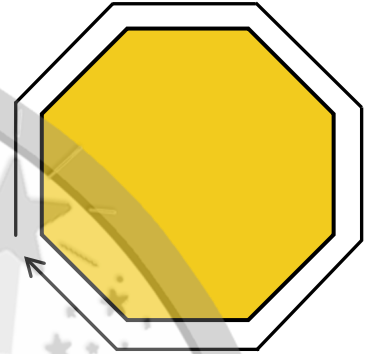
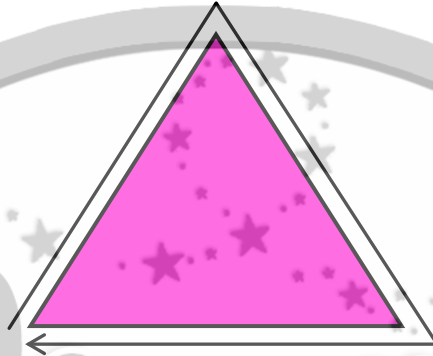
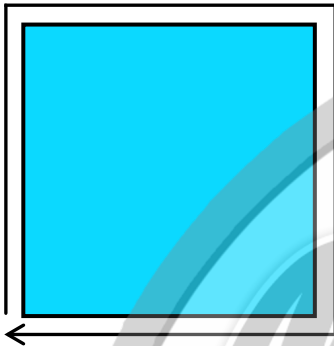
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* You MUST have a Google account in order to access this resource. [Click HERE](#) if you need help setting up a Google account.

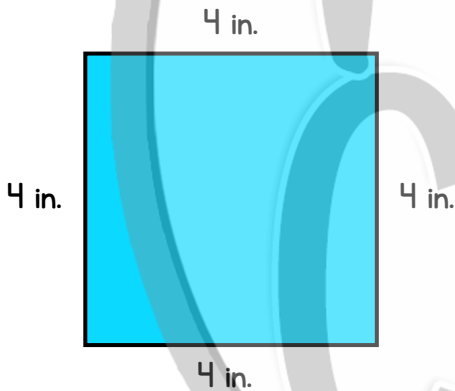
what is

PERIMETER?

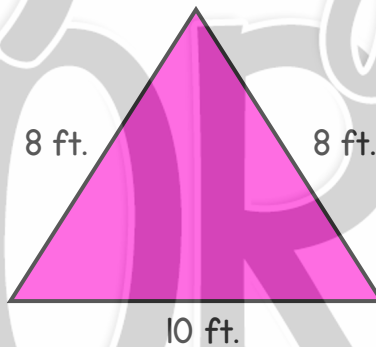
PERIMETER is the distance around the outside of a shape



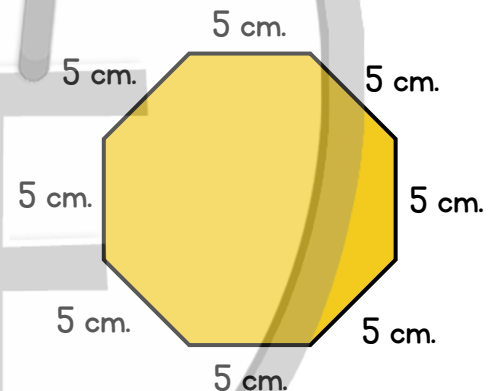
Perimeter can be found by finding the **SUM OF ALL SIDES** of a shape



$$P = 4 + 4 + 4 + 4 = 16 \text{ inches}$$

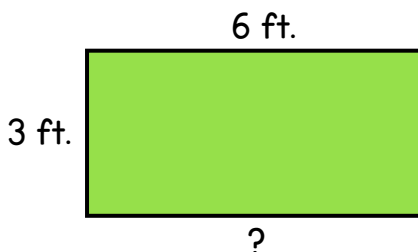


$$P = 8 + 8 + 10 = 26 \text{ feet}$$

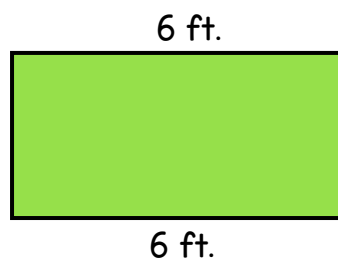


$$P = 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 = 40 \text{ centimeters}$$

Find the missing length of a side by looking at **OPPOSITE SIDES** that are equal



? → 3 ft.



$$P = 3 + 3 + 6 + 6 = 18 \text{ feet}$$

NAME: _____ DATE: _____

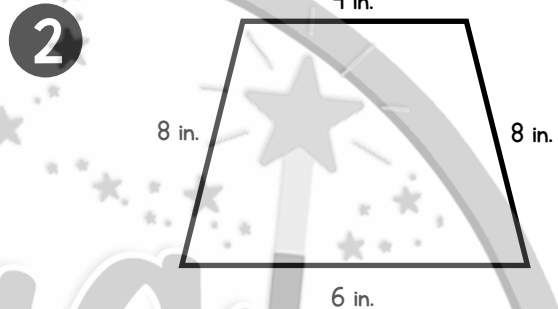
PERIMETER

solving for perimeter

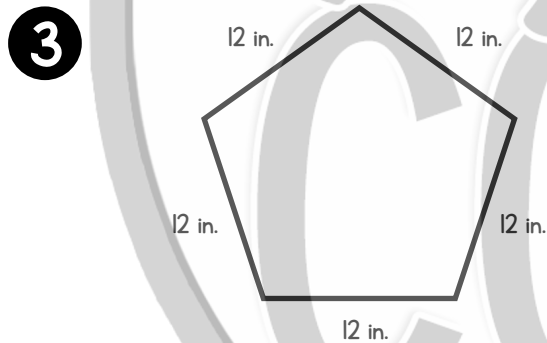
Directions: Find the perimeter of each shape.



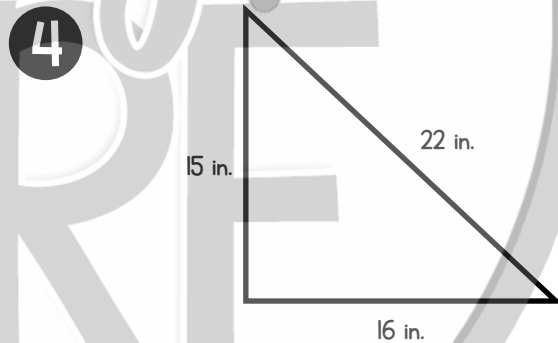
P = _____



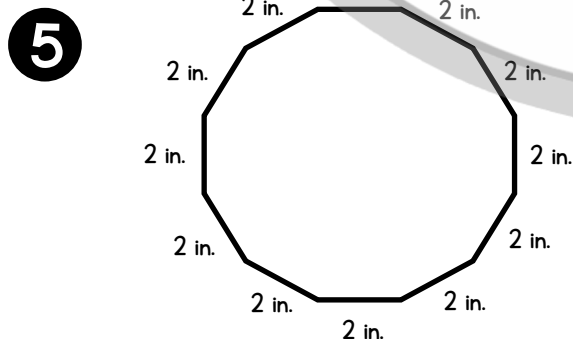
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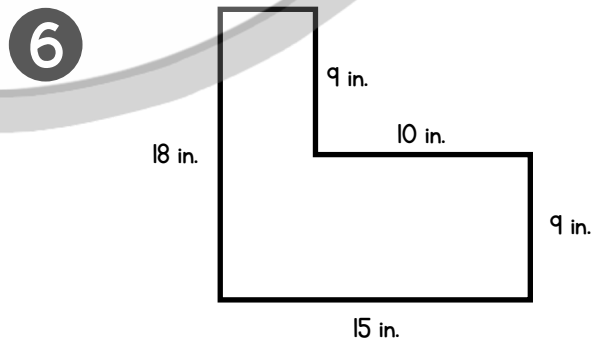
P = _____



P = _____



P = _____



P = _____

NAME: _____ DATE: _____

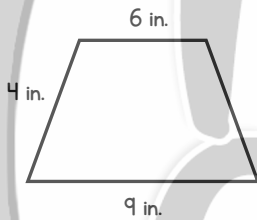
PERIMETER

detective decoding

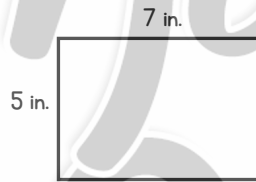
Directions: Use your detective skills to decode the secret words. Solve for perimeter for the shapes below. Find the perimeters on the key and write the corresponding letter in the magnifying glass. What are the secret words?

A	B	C	D	E	F	G	H	I	J	K	L	M
20	34	18	21	24	30	22	19	36	26	29	35	33
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
31	38	23	28	32	26	15	39	37	40	42	27	41

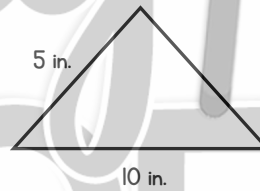
SECRET WORD #1



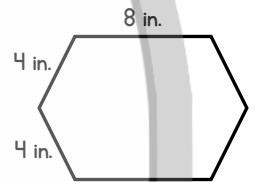
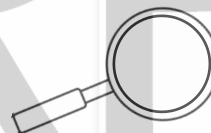
P = _____



P = _____



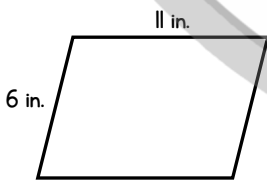
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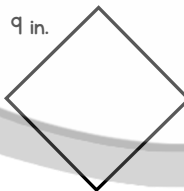
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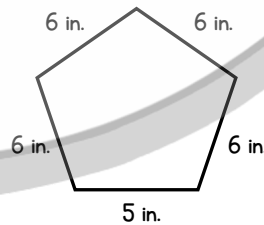
SECRET WORD #2



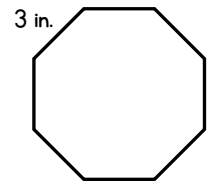
P = _____



P = _____



P = _____



P = _____



NAME: _____ DATE: _____

PERIMETER

farmyard perimeters

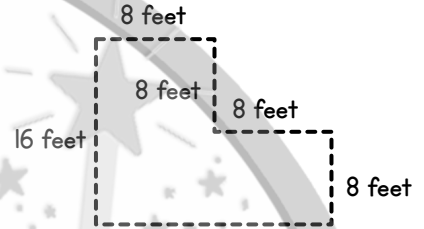
Directions: Farmer Browning is fencing in the animal enclosures on his farm. Help him by drawing a line to match each animal enclosure with the fencing that has the same perimeter.

1

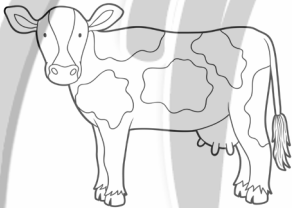


P = 50 feet

A

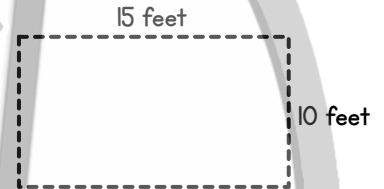


2

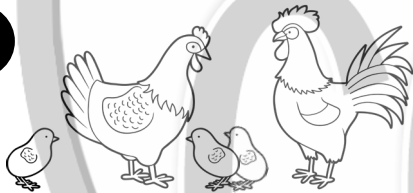


P = 92 feet

B

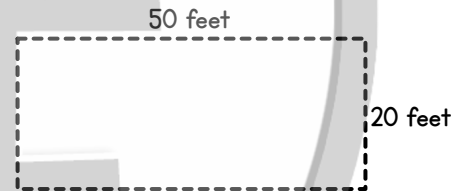


3

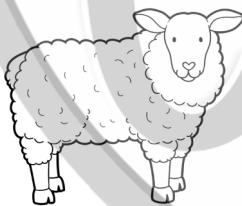


P = 64 feet

C

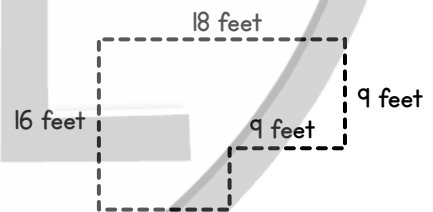


4

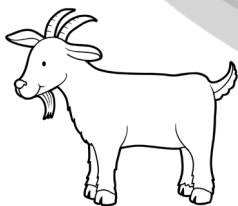


P = 72 feet

D

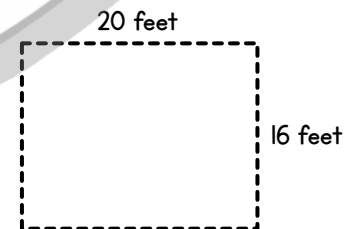


5

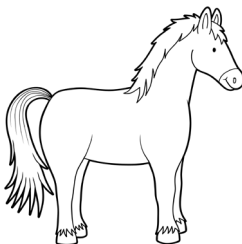


P = 68 feet

E

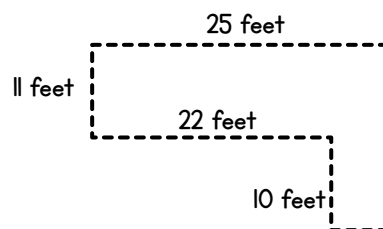


6



P = 140 feet

F

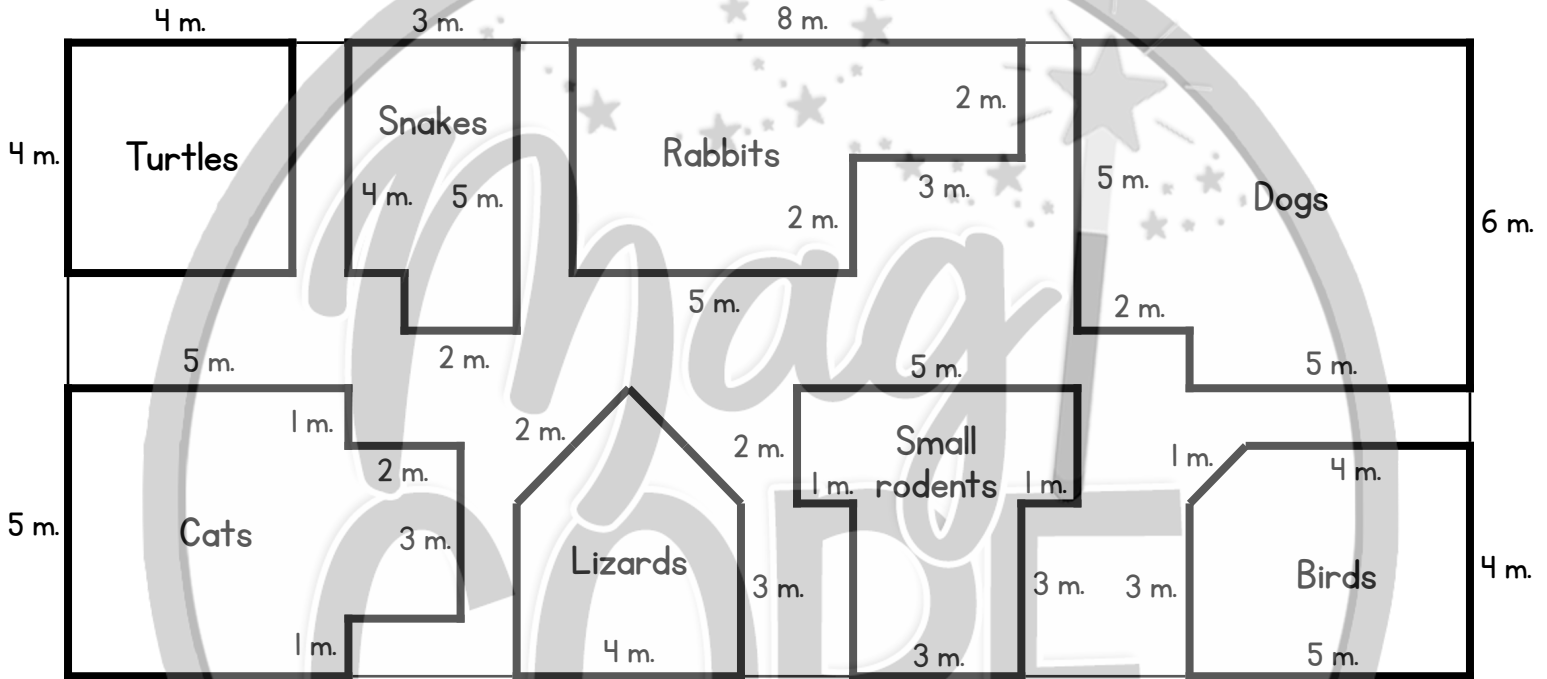


NAME: _____ DATE: _____

PERIMETER

animal sanctuary

Directions: Below is a diagram of Friendly Paws Animal Sanctuary. Determine the perimeter of each animal enclosure in meters.



1 Birds
perimeter

2 Lizards
perimeter

3 Rabbits
perimeter

4 Cats
perimeter

5 Dogs
perimeter

6 Small rodents
perimeter

7 Turtles
perimeter

8 Snakes
perimeter

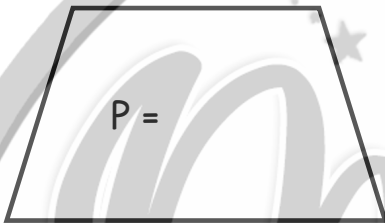
NAME: _____ DATE: _____

PERIMETER

measure and solve

Directions: Cut out the ruler at the bottom of the page. Use the ruler to measure the sides of the shapes below in centimeters. Record your measurements and use them to calculate the perimeter.

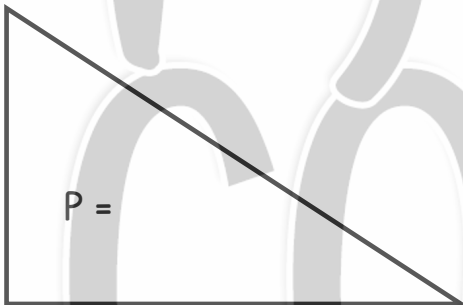
1



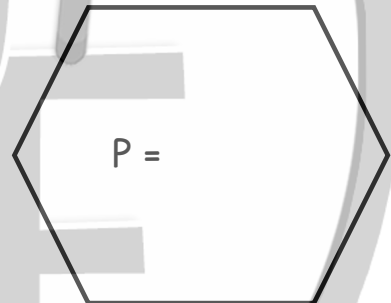
2



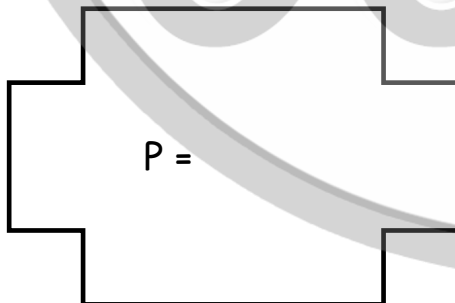
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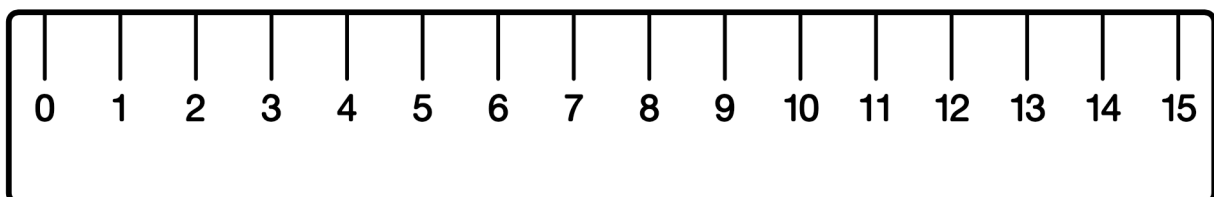
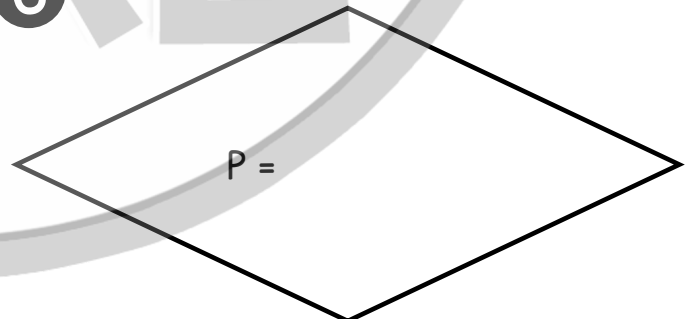
4



5



6



NAME: _____ DATE: _____

PERIMETER

draw a shape

Directions: For each perimeter given below, draw a shape that has that perimeter. Label the sides with their measurements and units.

1 P = 24 inches

2 P = 36 feet

3 P = 15 centimeters

4 P = 20 miles

5 P = 9 feet

6 P = 28 inches

NAME: _____ DATE: _____

PERIMETER

roll a perimeter

My Points

1

length	width	sketch of shape	perimeter
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

2

length	width	sketch of shape	perimeter
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3

length	width	sketch of shape	perimeter
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4

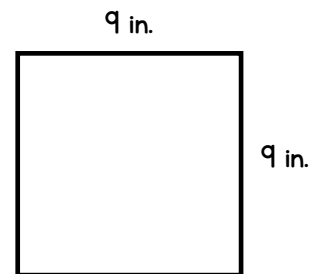
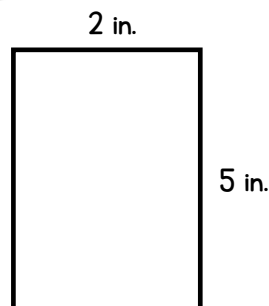
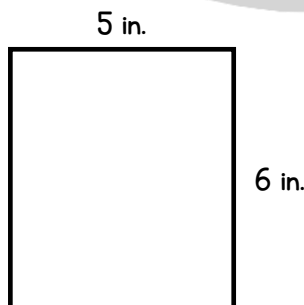
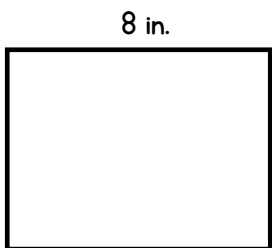
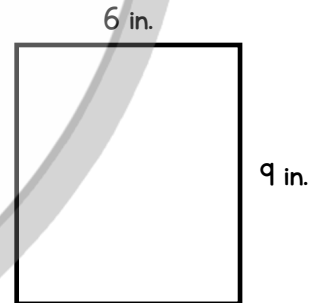
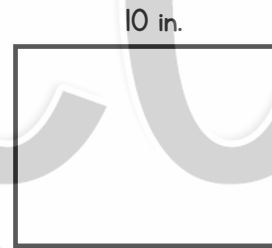
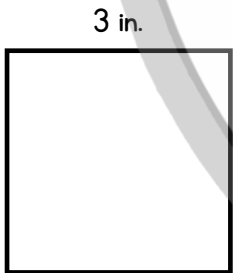
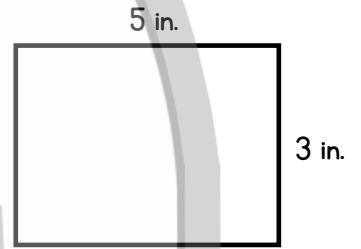
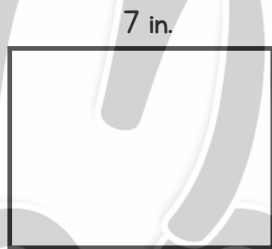
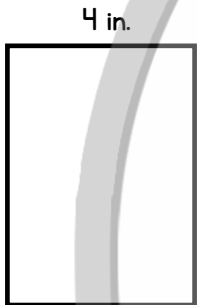
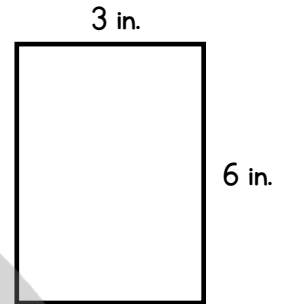
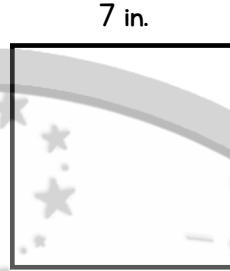
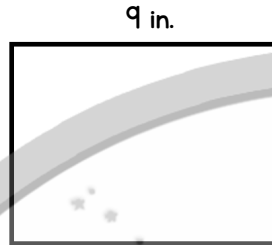
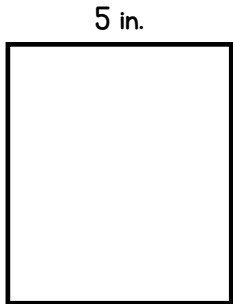
length	width	sketch of shape	perimeter
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5

length	width	sketch of shape	perimeter
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PERIMETER

perimeter duel - page 1



NAME: _____ DATE: _____

PERIMETER

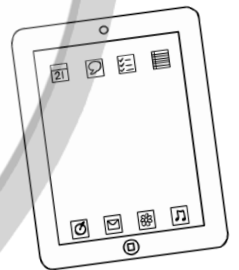
story problems

Directions: Solve the story problems involving perimeter.

- 1** Mariana received a star-shaped sticker on her spelling test. The star has 10 equal sides, and each side is 4 centimeters long. What is the perimeter of the star?



- 2** The rectangular screen on Jaquise's new tablet has a perimeter of 28 inches. He knows the screen is 8 inches long. How can Jaquise determine the width of the screen without measuring it?



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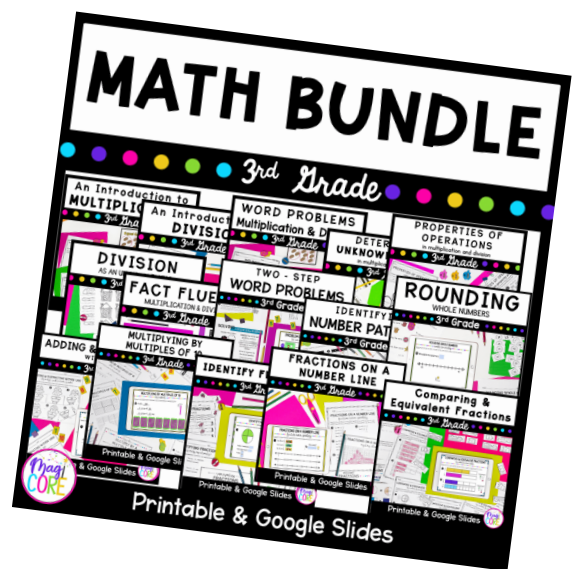
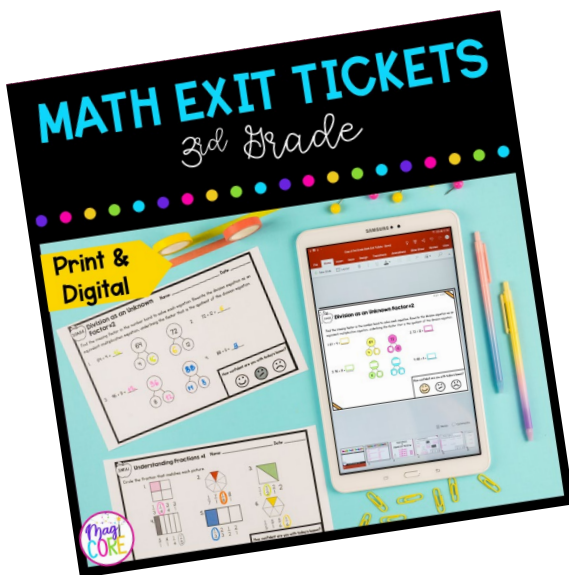
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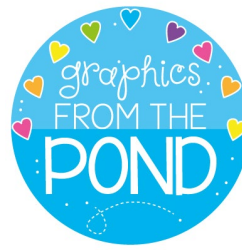
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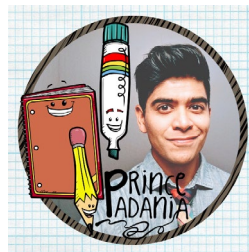


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